

TABLE OF CONTENTS

<u>SECTION</u>	<u>TITLE</u>	<u>PAGE</u>
1.0	Introduction: OSMP Process and Structure	1-1
1.1	Process and Structure for Implementation of the Carlsbad OSMP	1-3
1.1.1	Primary Entities Involved in Implementation	1-3
1.1.2	Preserve Management Decision Authority	1-5
1.1.3	Planning Documents to Guide Implementation	1-6
1.1.4	Preserve Management Plan Preparation	1-8
1.1.5	Communication to Coordinate Implementation	1-13
1.1.6	Mechanisms for Data Management and Updates	1-15
1.1.7	Phasing of Implementation	1-18
1.2	Application of Adaptive Management Concepts to Open Space Management	1-18
1.3	Management of Threats and Impacts	1-19
1.4	Goals for Preserve Management	1-21
1.5	Recreational and Educational Opportunities	1-24
2.0	Organization of OSMP Areas	2-1
2.1	Management Units	2-1
2.2	Subunits	2-1
2.3	General Management Entities	2-1
2.4	Levels of Open Space/Preserve Management and Monitoring	2-7
2.4.1	Property Management	2-7
2.4.2	Preserve Management	2-7
2.4.3	Species Monitoring and Management	2-7
2.4.4	Regional Monitoring	2-7
3.0	Open Space Management Issues	3-1
3.1	Key Issues of Open Space Management in Carlsbad	3-6
3.1.1	Management Responsibilities	3-6
Issue 1:	Wildlife Agency Management Responsibilities	3-6
Issue 2:	Preserve Management on Existing Open Space on Private Lands	3-7
3.1.2	Management Plans	3-7
Issue 3:	Development of a Framework Monitoring and Management Plan	3-8
Issue 4:	Preserve Management Plans and Area-Specific Management Directives	3-8
3.1.3	Management Gaps	3-10
Issue 5:	Funding to Close Management Gaps	3-10
3.1.4	Fire Management Issues	3-12
Issue 6:	Update of Fire Management Policies	3-13
3.1.5	Edge Effects and Encroachment	3-13
Issue 7:	Noise Impacts to Open Space	3-14
Issue 8:	Lighting Impacts to Open Space	3-15
Issue 9:	Landscaping and the Introduction of Nonnative Species	3-16

TABLE OF CONTENTS (Continued)

<u>SECTION</u>	<u>TITLE</u>	<u>PAGE</u>
3.1.6	Animal Species Interactions	3-18
Issue 10:	Invasive Ants	3-19
Issue 11:	Outdoor and Feral Animals	3-19
Issue 12:	Alteration of Ecological Communities	3-20
3.1.7	Public Access and Recreation	3-21
Issue 13:	Off-road Vehicles	3-21
Issue 14:	Illegal Dumping	3-22
Issue 15:	Management of Recreational Uses	3-23
Issue 16:	Enforcement	3-26
Issue 17:	Itinerant Worker and Transient Camps.	3-27
3.1.8	Biological Monitoring Responsibilities and Adaptive Management	3-28
Issue 18:	Coordination of Monitoring and Management Responsibility	3-28
Issue 19:	Trigger for Adaptive Management	3-29
Issue 20:	Data Management	3-30
Issue 21:	Coordination of Lagoon Management	3-31
Issue 22:	Restoration	3-33
Issue 23:	Erosion Control	3-34
Issue 24:	Public Information, Education, and Beneficial Use of Open Space	3-34
Issue 25:	Fencing and Signs	3-35
Issue 26:	Preserve Assembly and Integration with Habitak	3-36
4.0	List of Preparers and References	4-1
4.1	List of Preparers	4-1
4.2	Technical Review	
4.3	References	4-1

TABLE OF CONTENTS (Continued)

<u>SECTION</u>	<u>TITLE</u>	<u>PAGE</u>
LIST OF FIGURES		
1-1	Chain of Command and Decision Authority Among Entities Responsible for OSMP Implementation	1-5
1-2	Generalize conceptual model of the Habitat Management Process within the NCCP Context	1-8
1-3	Annual Cycle of OSMP Meetings and Reports	1-12
1-4	Compliance Monitoring for Implementation of Development Projects	1-16
1-5	Effectiveness Monitoring for of Biological Management of the Preserve System	1-17
2-1	Areas Included in the OSMP	2-2
2-2	Management Units in the OSMP	2-3
2-3	General Management Entities and Associated Subunits in the OSMP	2-5
3-1	Distribution of Open Space Management by General Management Entity	3-10
LIST OF TABLES		
1-1	Covered Species Under the Carlsbad HMP	1-9
1-2	Matrix of Primary Threats and Potential Effects on Species and Habitats Managed in the OSMP Area	1-19
2-1	Acres of Vegetation Occurring within Each Management Unit	2-4
2-2	Acres of Vegetation Managed by Each General Management Entity	2-6
3-1	Summary of OSMP Issues and Conclusions/Recommendations	3-1
3-2	Existing Preserve Management Plans for Open Space in Carlsbad	3-8
APPENDICES		
APPENDIX A	City of Carlsbad OSMP Funding Analysis (Prepared by CNLM)	A-1
APPENDIX B	Invitation List for Open Space Workshop	B-1
APPENDIX C	The CalEPPC List: Exotic Pest Plants of Greatest Ecological Concern in California	C-1
APPENDIX D	Guide and Annotated Outline for Writing Preserve Management Plans	D-1

THIS PAGE INTENTIONALLY LEFT BLANK